

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [2608] 2 Guys Dinner
Message-ID: <9601102009.AA07283@deneb.csustan.edu>

Don't forget the NorCal QRP dinner at 2 Guys from Italy. I know that Chuck and I will be there. Any others? Time 6:00 PM. Email Chuck at adams@sgi.com for directions. See you there Thursday night. !!
72, Doug, KI6DS

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: "John Foote" <John_Foote_at_HDN-BCSE@ccgate.ml.nec.com>
Subject: [2610] 40 M for Digital and QRP
Message-ID: <9600108213.AA821318293@mvlsmtt.ccgate.ml.nec.com>

Of course I'll get laughed at for this but hey, I'm a 60's kind of guy; I'm used to protesting any deserving cause.

The long term solution to the (40 M) crowding is to expand the HF amateur bands. Well, call me back in early 2015. But the medium term answer is to eliminate the "band access vs. license class" rules on 40 M.

Correct me if I'm wrong, but I know of no other country that is as elitist about operating privileges as the good old US. If the first 25 KHz of 40 M was available to anyone with 40 M privileges then 40 M for ALL interests would become incrementally better due to the communications theory effect called "interleaving."

Don't get me wrong. While I intend to upgrade to Extra sometime soon, I still find it illogical to restrict access to all of a limited band based on how high your license ranks.

Before you disagree, consider this. If the low end of the band is exclusively reserved for "Extras" because they deserve a sub-band free of the congestion wrought by the general population, then, in the name of courtesy they should generate their own band plan and ONLY operate (whatever mode) in the Extra sub-band.

In the old days Novices were relegated to limited band segments to narrow the area of interference sometimes caused by imperfect gear, operated by the technically inexperienced amateurs. This doesn't apply anymore. Today's Novice/Tech typically uses digitally synthesized, speech processed, ALC'ed and almost "WWV accurate," manufactured equipment. Today's home-brew equipment is superior to yesteryear's. But the old state-of-the-art was a basis for localizing

novice operators. This policy hasn't changed.

The Extra's are the ones who built this hobby and stimulated the development of cutting edge HF gear. They are no doubt worthy of recognition. But if an Extra wants to work other members of a QRP club, try a RTTY contest, or even log a special event station, he or she must fight it out in a crowded band. And one factor in the crowding is that, for all PRACTICAL purposes, 40 meters extends NOT from 7.000 to 7.300, but rather from 7.025 to 7.300.

Changing the 40 meter band as I've described is something the ham community itself can get done, without having to fight commercial interests, foreigners, or the ITU. And the incremental improvement in band management would be noticeable -- to all (HF) license holders.

How do we urge the ARRL, as the accepted mouthpiece to the FCC for the amateur community, to carry the ball on this?

72 de KR4GL
John Foote

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>
Subject: [2578] Allen wrenches for Sierra
Message-ID: <01HZUBSL2BD48Y57X8@vyh21.vyh.fi>

Hi gang,

Wow, in one European night I got about 11 responses from this list about the funny Allen keys plus one by Wayne Burdick. Wayne proposed to arrange something with Bob Dyer of Wilderness radio, so I'll wait for Bob's verdict and if that doesn't work out, I'll take one of the other 11 up on their offer of helping me out (via EMAIL). I haven't read all the responses yet, because I'm at work now.

So as far as this list goes, my Allen key problem is over.

Thank you all, this list is great.

73, Arjen

P.S. I took all the ferrite toroids out of the Sierra kit and gave them standard color coding: I paint the ferrite material code (i.e. 43 or 61) on the outer rim with two dots of (Humbrol) enamel paint. How do I know which way to read the code: I draw the code dots on upper

side of the toroid, too. I use a tooth pick to do it. Less cleaning up
..

Arjen Raateland
Suomen Ympäristökeskus / YV
---... ---... ---... ---... ---... ---... ---... ---...
Finnish Environment Agency, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 0 4030 0457
fax +358 0 4030 0490
-.-. -.-

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: W3HMS@aol.com
Subject: [2604] AOL Problems; Credit for Downtime
Message-ID: <960110141758_37518327@emout04.mail.aol.com>

Steve Case.....As a follow on to my last message, please address the method
AOL will use to credit everyone's account for the time charged for
non-viewable messages.

Sincerely yours,

John Jaminet

W3HMS@aol.com

10 Jan 1996

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: W3HMS@aol.com
Subject: [2587] AOL-Wide EMAIL Problems; Resolution of
Message-ID: <960110115602_37388946@emout04.mail.aol.com>

I am very disappointed with the system-wide problems with EMAIL on AOL and
the lack of a TIMELY system wide explanation from your level at AOL.. Your
tech people, Joe and Brad, have been most helpful to me in two calls
yesterday and today.

However, putting all your EMAIL users through the torture chamber sequence
of: 1. try to read their mail. 2. delete all their mail, 3., download mail
again, 4. continue to find more hourglasses, 5. delete again, 6. download

for third time, 7. again find more hourglasses ad infinitum ad nauseum is a wonderful way to create customers for Prodigy, COMPUSERVE, or all the new services offering Internet direct.

In your reply, please copy the List noted as CC as several hundred other users will have the same questions/heartburn as I have.

Sincerely yours,

John Jaminet

W3HMS.aol.com

10 Jan 1996

From qrp-l@lehigh.edu Wed Jan 10 21:20:17 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [2601] BENCHER PADDLES
Message-ID: <9601101846.AA14867@itg.ti.com>

From: Brad Bradfield QLF

Subj: BENCHER PADDLES

I'm glad to see that I'm not the only one who doesn't like Bencher paddles. I have a pair of Brown Brothers paddles that I bought new in 1971 (\$24.95, I think) that is my personal preference. The Ham-key sold by Ham Radio Outlet in the '70s was real junk. Plastic! I want a paddle that is solid instead of the mushy feel the Bencher's have to me.

73's

Brad, WB0CGH

Brad Bradfield, PE
108 Forestwood
Corinth, TX 76205

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member

QRP-L #377

SMIRK #4906

IEEE(M)

Collector of wireless and landline Morse keys and accessories.

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Michael Connor <mikec@primenet.com>
Subject: [2602] Coderook/Whiteboy?
Message-ID: <199601101859.LAA20849@usr1.primenet.com>

Gang,
For those of you using the Codeboy keyer;
If you're looking for a complete keyer/paddle package and you have a set of Whiterook paddles laying around, the paddles will fit nicely on the lid of the Codeboy. Just remove them from their red box, drill a coupla holes in the Codeboy lid to mount paddles and run wires, wire to the paddle jack and you're set. Makes for a nice battery powered keyer/paddle combo that you can hold in your hand.

Cheers,
Mike
NQ7K
Norcal#1403 CQC#220 AZ ScQRPions#13

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [2591] DATA SHEET: 3N200's
Message-ID: <199601101745.KAA17395@zia.aoc.nrao.edu>

Finally found an OLD RCA data book, I think printed by Gutenberg himself, with the 3N200 series.
Dual-gate MOSFETs: (and primary application)
3N200 RF and Mixer to 500MHz
3N202 No such device listed
3N204 RF Amplifier MOSFET
3N205 Mixer MOSFET
3N206 TV/IF Amplifier MOSFET
FET's:
2N4416 VHF/UHF Amplifier
MPF102 VHF Amplifier

Maximums

Noise

Pwr

	Vds	Vdg	Vgs	Ig	Vgs	Idss	Cin	Figure	Gain
MPF102	25v	25v	-25v	10mA	-.5 to -7.5v	2-20mA	7.0pF		
2N4416	30v	30v	-30v	10mA	-1 to -5.5v	5-15mA	4.0pF	2dB@100MHz	18dB
3N200	20v	20v	-6v		-.1 to -3.0v	1-12mA	6.0pF	4dB@400MHz	12dB
3N204	25v	30v		10mA	-.5 to -4.0v	6-30mA	4.4pF	3dB@200MHz	28dB
3N205	25v	30v		10mA	-.5 to -4.0v	6-30mA	4.4pF	3dB@200MHz	28dB
3N206	25v	30v		10mA	-.5 to -4.0v	3-15mA	5.0pF	3dB@200MHz	28dB

In short ... for most HF applications as VFO's, mixers and RF amplifiers, the dual gate guys (3N200's) should work well as a 2N4416/MPF102 substitute by tying the two gates together.

GL es 72, Paul NA5N

Does any one out there have any information about this QRP rig Digitrex be glad to know their e-mail address if any.

From grp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: Jim Stafford-W4Q0 <w4qo@america.net>
Subject: [2575] F.S. QRP RADIO (fwd)
Message-ID: <Pine.SV4.3.91.960109233429.5355B-1000000@atl11>

>From rec.radio.swap

DO NOT REPLY TO ME, I am forwarding AS INFO. Reply to tom -- address below.

73/72/jim/w4qo

----- Forwarded message -----
From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Jim Stafford-W4Q0 <w4qo@america.net>
Subject: [2574] FAR circuit board info needed
Message-ID: <Pine.SV4.3.91.960109230034.1480D-1000000@atl11>

Does anyone have a recent copy of the FAR product list? Our club needs a board for a group project and altho not QRP, I know that many of you order from FAR. I could send for a recent listing but need some quick info. I have list from Dayton 1993 but it does not cover this issue of QST.

We need to find an alternate source of the LESKOVEC HANDI-FINDER boards from the article in May 1993, page 35. The source in Ohio seems to be out of stock and it seems they may not be supplying in the future, as a recent order went unanswered.

Thanks for your assistance.

73/72/jim/w4qo

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2619] FAR Circuits
Message-ID: <199601102332.XAA23951@chuck.dallas.sgi.com>

Gang,

In the interest of reducing traffic and questions, here is what you need to get the FAR Circuits catalog and ordering form along with phone numbers and address.

1. ftp to FTP.LEHIGH.EDU
2. login as anonymous
3. use your full email address as the password

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4. cd /pub/listserv/qrp-1/catalogs
5. get farlist.txt
6. get farorder.txt
7. quit
```

These steps will get you an ASCII copy of the catalog and the order forms. I sent Fred money last year for the disk and moved it over to the ftp site. I think I got the lines to 80 or less, but no guarantees.

Whenever a new catalog comes out I will put it over on the ftp site.

For those of you new to the QRP/ham world. FAR Circuits is owned and run by Fred Reimer, KF9GX, in IL and he provides a lot of the PC boards needed for ARRL projects in QST, ARRL Handbooks, etc.

He has the NN1G board set for the ARRL HB '95 and the single board NN1G (a.k.a. NE40-40) from QST Nov '94.

The boards are not, I repeat not, double sided plated through silk-screened solder masked. They may have no silk screen or markings and then some will have silk screening. They are just about all single sided solder plated. Good boards most of the time but you do have to look at them carefully with magnifying glass before you start. It has saved me a couple of times on several projects.

BTW the NN1G board set is \$9 and the single board is \$6. Just as a sample price point.

FYI dit dit de K5F0/6

--

Chuck Adams (K5F0 CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [2581] Fox Report
Message-ID: <jennings-9600101340.AA000121369@eng16>

Hello QRPers!

Well below is the fox report for Tuesday, Jan 9, 1995. I was very disappointed with the band conditions. At first it was ok but it got worse when I moved

over to 7110 and did not make any contacts or hear anybody until almost 11 PM!
I also had an intermittent s5 noise to contend with which may have masked some
of you.

Date	Time(UTC)	Call	Report Sent Recvd	Freq	QTH
1-10	2:03	kc2du	539 549	7040	WNY
	2:07	n2yrj	589 579	"	WNY
	2:18	kk5kx	529 579	"	TX
	2:25	wb5iri	519 519	"	TX
	2:29	ak5b	579 559	"	TX
	3:54	kt4hb	599 579	"	So. Fl

I had fun and good luck to all foxes and fox hunters. Hope the band will
be better for y'all!

73,

Tom, kv2x

Thomas J. Jennings | Tel: (716) 273 7071
Senior Engineer | Fax: (716) 273 7262
ABB Industrial Systems Inc. |
Post Office Box 22685 |
Rochester, New York 14692-2685

Internet: jennings@jennings.rochny.uspra.abb.com

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [2576] FS Heath HW9 (fwd)
Message-ID: <Pine.SV4.3.91.960109234657.5355E-100000@atl1>

Repost from rec.radio.amateur.equipment..

DO NOT REPLY TO ME but to Tom

73/72/jim/w4qo

----- Forwarded message -----
From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: ROWLETT_D@hccs.cc.tx.us
Subject: [2572] Got da fox!
Message-ID: <6208372109011996/A04369/ADMIN/11A14D603100*@MHS>

All:

Haveta say it was fun, and I didn't think I'd hear him, but I did.
Snagged KV2X at 2125 CST at 70.04084 -- he gave me a 519, and he was the same,
and then I must have faded out big time because he could no longer hear me, but
he continued to climb in strength until he was actually moving the S meter. I
was running 3 watts out to my HT-750 -- antenna was a rotatable dipole at 60
feet. What a hoot! My first Fox!

Doug Rowlett
WB5IRI
Pearland, Texas
rowlett_d@hccs.cc.tx.us

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [2607] Got Phone #
Message-ID: <9601102006.AA07280@deneb.csustan.edu>

Thanks to all that emailed me the phone number of Antique Electronic Supply.
I was able to locate the needed part and it will lead to an article in the next
QRPP. Nope, I won't tell you what it is on, but you will enjoy it. 72,Doug

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [2586] Heard the fox!
Message-ID: <Pine.SUN.3.91.960110095241.11354B-100000@ume>

More like 6 meter meteor scatter, but, there he was calling CQ loud and
clear (519) for 30 seconds on 7040.....then gone into the ether.
Do I get SWL points? ;-)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Clinical Assistant Professor	*	NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [2621] HW-8 help wanted
Message-ID: <1996Jan10.184836.16510@abs.net>

I had a request for HW-8 help from Jim Skalski, N2GO
(jskalski@acsu.buffalo.edu), but need some QRP-L assistance on this
one.

Question #1: he wants to know what is a good replacement for the
MPF105 FET used as an RF amp. I think there's something about that
in the HW-8 Handbook, but I can't seem to find my copy in the clutter
in the radio/computer room here. I want to say 2N4416 for some
reason, but not sure. Any ideas?

Question #2: It's deja vu all over again on this one--he says
someone kept turning the dial at the end of the band and the rotor
plates fell off the VFO cap. I've had this problem on a few of the
HW-8s I've fixed over the years. In some I was able to simply jam
them back into place with a pair of pliers, and they often stayed
there at least long enough for me to get the rig back to the owner
:-) In once case I had to assist them with some 5 minute epoxy
dabbed onto the plates and shaft where they meet.

Although more expensive, conductive epoxy MIGHT be better, though
more expensive; we use a lot of it at work, and it's essentially
normal epoxy embedded with silver powder. We get ours through an
industrial supply company; it comes in little pre-measured single
dose containers and is definitely NOT cheap--over \$7 per dose, I
think--due in part to being in the single dose containers and partly
due to the silver. The cure time, at room temperature, is something
like 18 to 24 hours. For comparison, we often use a plain epoxy from
the same company in the same premeasured, single dose containers, and
that's something like \$2.50 each. (We use that only in applications
where it's critical that we have precisely the exact proportions of
the two parts. For less critical uses, we use 5 minute epoxy which
comes in those two-sided syringes and is considerably cheaper--less
than \$2.50 per syringe in quantity.)

When jamming the plates back into place you have to be careful to
keep the spacing fairly uniform, but even so the dial calibration
will probably suffer. You'll be able to get it to line up at the 0
and 250 points, but between them the dial marks and actual frequency
may not agree.

In once case I was not able to get the plates to jam back onto the
shaft at all and was able to obtain a replacement capacitor from
Heath (that was in the late 80's). I don't know if the exact

replacement cap is still available from Heath or other sources, and even back then they wanted what I thought was an arm and a leg. If they still have them now, you might have to throw in a pancreas and a kidney as well. It should be possible to make some other variable capacitor fit, although it could require a small amount of mechanical work and, depending on the value, might require some shuffling of parts values. Also, it might not be possible to retain the original dial scale, and you might have to draw a custom calibration scale on the dial.

If anyone knows about the replacement RF amp transistor or has any good ideas on the plateless tuning cap, please respond to Jim via e-mail and send a CC to qrp-1 as well--I'm sure it will be of value to many. His address is

jskalski@acsu.buffalo.edu

73 and Queue Our Pea DE WA8MCQ wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net

E-Mail: Mike.Czuhajewski@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: "John Zaruba Jr." <71441.1627@compuserve.com>

Subject: [2603] HW-9 For Sale

Message-ID: <960110191240_71441.1627_FHJ100-1@CompuServe.COM>

Gentlemen,

I am posting this message for a ham who does not have access to the net.

FOR SALE: Heath HW-9, assembled and working, with WARC bands.

Asking \$175.00

Contact: Jack Zaruba K2ZA

(609)697-4143

Callbook address OK

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>

Subject: [2588] info on dayton?????

Message-ID:

<Pine.SOL.3.91.960110120445.26989A-1000000@conciliator.acsu.buffalo.edu>

hi gang....

anybody out there hear anything on dayton????? Me and my good qrp buddy Dick(AA2WJ)sent out mail to MYRON N8DHT for reservations about 2 months or so and wondering what the story is ex.when do we send money in,or do we have our rooms reserved etc....if anybody can help give me a shout via e-mail.....

TNX...AA2PF..(dave).....half of the BUFFALO
QRP CONNECTION.....

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: bmitchel@kodak.com (Brad Mitchell)

Subject: [2596] kent keys etc.

Message-ID: <9601101802.AA05369@iiatasun.cba.Kodak.COM>

Well, all I want to know, is , will the kent paddles be better than the Whiterook ones I'm using? :-)..

I guess that the bottom line is, that the kent paddles are the best I've seen in my limited life (never been to Dayton etc.), so That's what I'm after. Guess that you can always buy the top of the line, but I'll take it one step at a time.. I spent 20 years with my heathkit 1410, now I guess it's time for the next step..

I never did like bench keys. I tried using them, but don't like the paddle shape, nor the spring used.

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: JEVERHART@cayman.vf.mmc.com

Subject: [2584] Last Night's foxhunt

Message-ID: <960110113152.232720b3@carib.vf.mmc.com>

Tom,

I did listen for you last night several times. As usual, 40 was stinko. Did manage to hear the wb5iri from the time he first called you until he was done. He peaked 559 and was q5 the whole time. You on the other hand were not copyable here is South Jersey. A couple of times I could faintly discern a

signal in there, but absolutely zero copy. Seems to be the norm here in the Northeast at night on 40 these days. Daytimes are another matter, central/western NY are solid. Guess it's jsut 40 being 40.

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: "Glenn E. Scott" <SCOTTY@facade.adm.clarkson.edu>
Subject: [2599] mission accomplished
Message-ID: <27538FB2F71@FACADE.ADM.CLARKSON.EDU>

Thanks to everyone's input, mission accomplished. Yup, my delta will now turn down to qrp level. Even listened for the fox last night but heard nothing. (I mean nothing) Not a trace of cw in all that noise last night, oh well there is tomorrow night. Now that I have a qrp rig (sorta) got to try it out. Still want to build akit or purchase a qrp rig for portable use though.

Again, thanks to everyone for their help.
CU on the air-waves 73 de Glenn N2ULU

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Thom.LaCosta@f0.n105.z105.fido261.qis.net (Thom LaCosta)
Subject: [2625] Need some hints
Message-ID: <f31_9601102107@fido261.qis.net>

Hello All!

I have a tuner that's fairly flexible...except it won't handle balanced lines. I have severe space problems...a lot that's 12 x 35...so there's not a lot of room for much at all...

Open to suggestions, and if it involves balanced feeders...should I be looking at a 4 to 1 balun, or a higher ratio ?
thanks

Thom LaCosta
N3WDV
Our Business is Business
--

|Internet: Thom.LaCosta@f0.n105.z105.fido261.qis.net
| Standard disclaimer: The views of this user are strictly his own.

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Nick Franco <kf2ph@bnl.gov>
Subject: [2589] nhtf Again!
Message-ID: <9601101725.AA28912@bnlux1.bnl.gov.bnl.gov>

Well another night of listening to QRN a little RTTY and imagined CW on 7.040. I never heard a whisper of the Fox. I did finally hear KT4HB respond and followed his end of the QSO. When he gave Tom a 579 and I knew Tom was running the 40/40, I almost went nutzzzz. I started frantically filtering and RITing and everything I could think of to try to hear even the faintest trace of le Fox. NOTHING Not even a footprint in the 2 feet of snow here on L.I. ZIP!

I called KV2X KV2X FOX? DE KF2PH KF2PH QRP KN over and over again, but it was not meant to be this time. I was going to switch to my quarter wave wire ground plane vertical, ground mounted with four 1/4 wave radials buried in the yard, but it fell victim to a misguided snow shovel when my youngest son was building a snow fort in the yard about 5:30 pm EST in the dark. He was working by flashlight and sense of smell I think, but severed my radiating element at the S0239. It was too late and cold to fix it so I went with my 125 foot center fed wire. I'm not blaming anything other than propagation. He was obviously out there; I heard someone work him. Oh well, there's always tomorrow night.

Nick

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-...- -.- -...- -...- -...- -...- -...- -...- -...- -...- -...-
Nicholas J. Franco      |\\|      _____ Brookhaven National Laboratory
Sr. Systems Specialist .___.. \   /\   / Building 1005      Room 201
Tel: (516) 344-5467     \_   /___/ \ / UPTON, N.Y.      11973-5000
Fax: (516) 344-3674     _/QRP-L#13_/      <><
Email: kf2ph@bnl.gov    /___/_____/      Ham Call: KF2PH      NE-QRP#349
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From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: "j. w. thornton" <dub@iamerica.net>
Subject: [2605] Paddles:
Message-ID: <199601101956.NAA11470@ns2.iAmerica.net>

Well we have seen several postings wherein Kent is touted as the Top-O-the-Heap. It is indeed a nice lil paddle (I have one), but personal choice being what it is, I have another nomination for the Paddle to end all Paddles. This one has not been advertised commercially, thus, many of our group may never have heard of it. Since the designer, builder is a retired 2 land machinist, now living in fla, this may be the way he prefers to keep it. Says he only builds paddles when the fish are not biting. hi.

The Mercury by N2DAN Steve Nurkiewicz is machined from solid brass, is round in shape, approx 4" in dia X 1 1/4" deep (base). Machining is exquisite, highly polished and double chrome plated. Your call engraved (if you wish). Its heavy, and uses a cork ring on the base, so no way can you make it slide around on a desk.

Uses magnets for tension adjustment, giving it a very sharp, clean snappy feel, much like the action of a finely honed trigger of a fine handgun. No mushy spring action here. Uses permanently lubricated bearings top and bottom for absolutely no up & down movement of arms. Uses some kinda exotic metal for the contacts. Mine is 3 yrs plus old and contacts have never needed cleaning. (I do keep a plastic cover over the paddle, even during use). The only drawback IMHO is this paddle is the very best made today (my opinion of course) and its priced accordingly, so is not for everybody.

"72" Dub WA5YFY

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Harvey Winters <ve1hdw@fox.nstn.ca>
Subject: [2609] Phone #
Message-ID: <199601102027.QAA05591@Fox.nstn.ca>

Please ,someone give me a good phone# for Amidon Associates

72 de Harvey
Harvey D Winters VE1HDW
ve1hdw@fox.nstn.ns.ca
G-QRP #8973 NE397 CQC177
QRP ARCI #8963 QRP-L #115

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Thom.LaCosta@f0.n105.z105.fido261.qis.net (Thom LaCosta)
Subject: [2626] Phone #

Message-ID: <f30_9601102107@fido261.qis.net>

Roger Hightower wrote in a message to All:

RH> From: aa7qy@primenet.com (Roger Hightower)

RH> Subject: Re: Phone #

RH> At 03:28 PM 1/10/96 EST, Harvey Winters wrote:

>Please ,someone give me a good phone# for Amidon Associates
>

RH> Just got their latest catalog, and the number there is

RH> 714-850-4660.

Do they have a 'kit'...need to make a 4 to 1 or so balun to hang between the tuner and some 450 ohm line.

Thom LaCosta

N3WDV

Our Business is Business

--

|Internet: Thom.LaCosta@f0.n105.z105.fido261.qis.net

| Standard disclaimer: The views of this user are strictly his own.

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: paul1@wizard.ucs.sfu.ca (Paul Erickson)

Subject: [2618] qrp+ keyer

Message-ID: <9601102302.AA02363@wizard.ucs.sfu.ca>

Is anyone besides me disappointed with the auto word spacing feature of the qrp+ internal keyer. If enough are unhappy with it then a call to Bruce might be in order as there is a new version of the firmware due out soon. If you respond to me I will pass the sentiments on when I call.

Has anyone else changed the attenuator from 20 to 10db? I'm wondering if this would make it a more usable asset in dealing with strong adjacent signals ?

cheers, Paul

VE7CQK

email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: eighmy@scott.net
Subject: [2620] Salt Water Batteries???
Message-ID: <199601102338.RAA11432@koala.scott.net>

Hello,

I just received some information from a company (Ashford Associates, 700 Malaga Dr, Boca Raton, FL 33432) that manufactures "Enviro-Gen", a Salt-water Generator. The unit resembles a small "Outdoor-type" cooler (10.5" x 6" x 8") and "...provides many hours of steady, reliable 12-volt current (;-) at just a fraction of the cost of dry cells batteries."

According to the cut sheet, "Using Enviro-Gen couldn't be easier...you just add salt water (table salt mixed with water) and instantly you can operate a wide variety of low-voltage items such as radios, lamps, cassette players, razors, electronic games, musical instruments and more. By doubling up two Enviro-gens with a parallel connector, you can even gain enough power to run a portable TV."

"After 40 hours of use you simply replace the anodes. A package of eight anodes is about half the cost of dry cells."

Specifications :

Voltage (no load)	12V
Voltage @ 4 W	10V
Current @ 4 W	400mA
Voltage @ 8 W	8V
Current @ 8 W	850mA

40 to 60 Amp-hours from one set of Anodes.

Hmmmmmmmm..... has anyone ever used this thing for a QRP Rig? If it worked, would it fall under alternate power sources for Field Day (I don't remember "salt" as one of the options). Man... if only Gilligan and The Professor had this they wouldn't need to pedal...

73,
Gene
wd4mps
Birmingham, AL

From qrp-l@lehigh.edu Wed Jan 10 21:20:17 1996
From: Harvey Winters <ve1hdw@fox.nstn.ca>
Subject: [2613] Thanks Guys

Message-ID: <199601102132.RAA20730@Fox.nstn.ca>

Many thanks guys for the quick action on phone#

72 de Harvey

Harvey D Winters VE1HDW

ve1hdw@fox.nstn.ns.ca

G-QRP #8973 NE397 CQC177

QRP ARCI #8963 QRP-L #115

From qrp-l@lehigh.edu Wed Jan 10 21:20:17 1996

From: bmitchel@kodak.com (Brad Mitchell)

Subject: [2580] thanks! kent number

Message-ID: <9601101308.AA01851@iiatasun.cba.Kodak.COM>

Thanks to the multitudes that replied with the kent key nubmer!
Including the one that may sell me his. :-)..

73 Brad WB8YGG

From qrp-l@lehigh.edu Wed Jan 10 21:20:17 1996

From: "Richard Hieber" <Richard.Hieber@rrze.uni-erlangen.de>

Subject: [2597] TX delay for QRP+?

Message-ID: <15A70EC2298@isis.rrze.uni-erlangen.de>

Hi,

the CMOS Super Keyer III has the interesting feature of what would be called an adjustable TX delay (on Packet Radio), to compensate for slow switching transceivers. It is done with the Function Command K (0..25).

Has anyone experimented yet what the right value for the QRP+ would be? I suppose that would depend on the CW speed, too.

Right now I don't have any means to listen to my transmitted signals with a second receiver, that's why I am asking. I can make contacts at 20 WPM with K=0 just fine. But maybe it sounds better with some delay?

72,

Richard

--

Richard Hieber, DL8MFQ/AA8CP

EMAIL: Richard.Hieber@rrze.uni-erlangen.de

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Bob_Tellefsen-CNSE97@email.mot.com
Subject: [2614] UnFoxed
Message-ID: <M622988.008.zk1x8.1.960110220611Z.CC-MAIL*/OU=LMPCC10/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Once more our furry friend escapes unnoticed.
Tuesday night condx so bad heard less than 10 stations in entire cw band.
Called it quits and read a book instead (QRP related, of course).
Better luck Thursday nite.
72,
Bob N6WG

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: RobCap@aol.com
Subject: [2600] Wanted: Mint HW-9
Message-ID: <960110133754_87281496@mail02.mail.aol.com>

Wanted: Heath HW-9

I am looking for a mint HW-9 to purchase. I want the manuals, matching
tuner and power supply, and WARC bands.

If your radio matches the above, and if you're willing to part with it,
please write to me.

73,

Steve Thompson
kj7dn@primenet.com

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: [2598] www access
Message-ID: <Pine.SOL.3.91.960110132645.6095A-1000000@conciliator.acsu.buffalo.edu>

hi gang....
what is the best www address for qrp info?
thanks AA2PF dave .

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: TIMOTHY J PETTIBONE <tpettibo@NMSU.Edu>
Subject: [2615] Re: 40 M for Digital and QRP
Message-ID: <Pine.A32.3.91.960110152127.28869C-100000@hector>

John:

Boy oh boy, talk about flame bait! But I happen to agree with you. As the holder of the 'elite' extra, I always find it a bit lonely below 7025. It is nice to be able to go down there and pick off some nice DX (like the ZK2 I got last nite). That segment almost passes for a dx window, which isn't all bad. The really nice part is that there is an absence, at least in my part of the country, of intruders. Nevertheless, I'm not sure that keeping that segment exclusively for extras really makes much sense. What to do about it is another question.

Tim
AB50U

p.s. My Norcal 40A is adjusted for about 7019 to 7048 or so. Hardly ever go below 7025 on it.

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [2573] re: Allen keys used in Sierra kit assembly ...
Message-ID: <v0213050cad18e6f7fdd5@[199.170.106.28]>

Hi Arjen,

> On page 7 of the manual it says that one needs 3 different size Allen
> keys (to fix the knobs and dial), viz. 0.050", 1/16" and 5/64".

Sorry about that. This is how about half of the knobs in the U.S. are fastened onto shafts!

In the long-term, I'll try to convince the knob provider to use standard slotted-head set screws. In the mean time, I'll arrange for Wilderness Radio to obtain the allen wrenches in bulk, and have Bob Dyer send you a set for a buck or two (or whatever it costs--probably not much). I'll talk to him tonight and let you know what I find out. If they're cheap enough we'll just add them to the kit without charging--but it's Bob's call (el

Presidente). :))

Anyone have a lead on where to buy them in large quantities? Perhaps the Grainger catalog?

Thanks,
Wayne
N6KR

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: dyarnes@primenet.com (David Yarnes)
Subject: [2577] Re: Allen keys used in Sierra kit assembly ...
Message-ID: <199601100637.XAA02872@usr4.primenet.com>

At 08:26 PM 1/9/96 EST, Arjen Raateland, SYKE/YV, puh. 90-4030 0457 wrote:

>Gang or at least US readers of this list,

>

>Originally I really didn't intend to inform the list that I have now
>received my Sierra kit today and am very happy with it etc. etc.

>

>But as it is, I open the box and muse about how nice the kit looks and
>start exploring the manual, when HELP !!!

>

>On page 7 of the manual it says that one needs 3 different size Allen
>keys (to fix the knobs and dial), viz. 0.050", 1/16" and 5/64". Now
>5/64" is almost 2 mm, so I could probably use the metric size, but
>those other two sizes are really weird. I mean, look at the way they
>are given, one as a decimal fraction and the other as a simple fraction
>;-) ;-(

>

>I have already had some fun interpreting the utterly mysterious codes
>for the screws, counting and sorting them and deciding which must be
>which size by comparison of what I find with the numbers from the
>parts list and the intended use.

>

>However, tools in Imperial measures are very uncommon in Europe now
>that the British don't use them any longer. The Sierra manual goes on
>to explain that the 3 required key sizes are commonly found in
>multi-wrench sets (well, not in the part of the world where I live)
>and are the three smallest ones.

>

>Where in the USA could I order a good quality set of Allen keys in
>US-sizes or at least those three sizes needed (0.050", 1/16" and

>5/64")? Would somebody be willing to buy them for me after I send
>him/her the money? They can't be all that expensive, so ordering just
>those keys via Mail order from any shop may be a bit of a problem, I
>suppose.

>

>BTW, will the USA ever move to the SI system?

>

>73 es tu,

>Arjen Raateland OH2ZAZ

>---... --- -- --- -- -- .. - - --..

>Finnish Environment Agency, P.O. Box 140, 00251 Helsinki, Finland

>SAS Support

>EMAIL: Arjen.Raateland@vyh.fi

>tel. +358 0 4030 0457

>fax +358 0 4030 0490

>-.-. -.-

>Hi Arjen,

Too bad you don't have Radio Shack in OH2 land. They sell a screwdriver set
(which just happens to be on sale this month for about \$7.50--regular
\$10.95) which includes 3 allen wrenches--guess what--those three just happen
to be the correct ones for the Sierra kit, so I guess they are pretty common
here. Hope you find what you need. By the way, the Sierra kit from
Wilderness is another winner!!

72 de David W5RMZ

>

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996

From: burdick@interval.com (Wayne Burdick)

Subject: [2612] re: Allen keys used in Sierra kit assembly ...

Message-ID: <v02130510ad19da9b3bcb@[199.170.106.28]>

Arjen, the Allen wrenches are ordered and will be on the way to you in a
week or so. Take your time building the Sierra, or at least leave the
knobs off. :)

Other Sierra owners who live in countries where Allen wrenches are little
known should contact Bob Dyer and he'll send you a set.

Thanks to all of you who responded with sources for the wrenches,
especially ED, N5EM, who found them for about \$4/hundred!

73,

Wayne

N6KR

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Paul Christensen <PaulC@jax.se.continental.com>
Subject: [2616] RE: BENCHER PADDLES
Message-ID: <30F468E8@se.continental.com>

>I'm glad to see that I'm not the only one who doesn't like Bencher paddles.

Me too. I thought I was the only one who objected to it's "mushy" feel.
After spending months searching for a replacement to my Brown Brothers BTL
paddle, the only one that met all my criteria was, believe it or not, the
Vibroplex Iambic. It's got a solid "click" feel, independent tension, a
heavy base, and the look can't be improved upon.

The magnetic attraction keys (e.g., Vibroplex Brass Racer and Mercury) are
interesting keys, but the magnetic inverse-law properties of the attraction
seems like the *opposite* of what's necessary. I once saw a prototype
paddle that used magnetic repulsion instead. It had a "spring" feel to it,
but the adjustments were rather touchy.

-Paul, N9AZ

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: [2582] Re: data invasion of 40 cw -Reply
Message-ID: <s0f38912.051@LAKEHURST.NAVY.MIL>

I agree and applaud Jim Cummings' reply.

Amateur radio is made of many gentleman's
agreements. No one operator, or groups of
operators, own frequencies nor have priority,
outside of emergencies.

Purposeful interference, by any means, is hurtful
to everyone and illegal. This is supposed to be
"good-will" spreading hobby, not a battle of wills

or spreader of intolerance and
"I've-been-here-the-longest-so-go-away" attitudes.

Today there are more operators than ever.
Technology has progressed to the point that good
filters (DSP in particular) are a relatively
inexpensive must. They do a very good job and can
allow for peaceful coexistence, for the most part.

If everyone used QRP, good antennas, and narrow
bandwidth modes, the problems of interference
would be lessened. This is not the case. Poor
antennas (and operators not paying attention to
the frequency that they are transmitting on)
probably contributes more to interference than
anything else. If you can't hear stations
operating and you begin transmitting on an
occupied frequency with a fair amount of power,
you are a major source to obnoxious QRM.
Especially at this point of the sunspot cycle, it
is highly unlikely to be able to hear all ends of
a QSO in progress in all situations.

Digital mode (of which CW is one) or not, it is
the operator's responsibility to ensure
non-interference. Many digital modes, such as
packet and, if set properly, AMTOR and PACTOR,
will not transmit, or at least wait its turn, on
an occupied frequency. I run CW and sometimes
RTTY or AMTOR. The only real difference is
whether I am using my straight key/keyer, or
computer and mode-controller. Listen to the
frequency before transmission and then ask if the
frequency is in use.

This forum should not be used as a soap-box to
berate others, but a forum to promote good
operating procedures and communication techniques,
along the lines of proof-reading a report before
its submission to one's peers.

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: tom <geotek@binguns.cc.binghamton.edu>
Subject: F.S. QRP RADIO

AEA QRP 20 meter transceiver. 0 to 5 watts output, very small footprint.
Radio runs on 12 volt battery. Radio was a kit, almost new used last
summer on vacation only. Best offer over \$75. Contact Tom WA2ANG
Geotek@bingsuns.cc.binghamton.edu

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: KFGlynn@aol.com
Subject: [2585] Re: Fox Report
Message-ID: <960110113551_87223879@mail04.mail.aol.com>

Tom I heard KT4HB's call to you. He was 579 to me in NYC. I barely heard
your signal but could without good copy.

73 de Kevin KB2TE0

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [2571] Re: FOX: This Thursday's schedule (Friday in UTC)
Message-ID: <199601100317.UAA22108@zia.aoc.nrao.edu>

Geez, fox nite, gads another 4. Never work a 4 with only 1.5W.
Wait, wait, wait. Phoenix. Like Phoenix, Arizona. Like just over
the border? Aaaaah, life is good!

Paul NA5N

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Tom Guntzel <TLG@primenet.com>
Subject: FS Heath HW9

Mint Condition HW9 with band pack and small Heath antenna tuner. No mods have
been installed on the HW9.

\$225(USD) firm (will ship to lower 48)

Reply via E mail ke0kb@primenet.com

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [2622] RE: HW-8 help wanted
Message-ID: <n1390823651.32789@msmailgw1.arlut.utexas.edu>

I think on looking at the specs in the cross ref book, Mike is correct that the 2N4416 can be subbed for the 105 fet. The VHF 4416 is hotter in transconductance and differs in input capacitance, thus some calibration readjustment may be required, but the 105 crosses to NTE 133 and probably to an SK and ECG replacement as well, thus I would see what local TV parts distributors have if the person is in a large city. NTE also said the basing was a different diagram between the two.

As a general suggested approach:

For any replacement semiconductor, it might be best to find if not the exact one, at least the NTE, SK or ECG cross over replacement. After that, substitute with attention to specs within the same class, N type Fet to N type, and Junction fet for Junction fet, etc.

Bipolar transistors can be substituted widely, I know of some cases where silicon has replaced germanium with bias changes and appropriate circuit adjustment. Now please, I am talking from mid 1960's industrial transistors on, not the earliest Philco, or Raytheon types, of the 1950's. But if anyone has a surface barrier project, I may be able to help. (How many here even remember Philco, much less that they made transistors?)

72, Stuart K5KVH
rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [2583] Re: kent key number anybody?
Message-ID: <199601101545.KAA14873@dartvax.dartmouth.edu>

>Good bang for the bux perhaps, but best on the market?? Have you taken a
>look at
>one of the Mercury paddles by N2DAN in Fla? Now there is the paddle to end
>all paddles and priced accordingly, unfortunately.
>"72" Dub WA5YFY
>

So Dub,

How much are they?

de AA1IK

Ernie

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire

RR 1 Box 221

Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@VALLEY.NET

packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-l@lehigh.edu Wed Jan 10 21:20:17 1996
From: ali@ns2.emirates.net.ae (M M Ali)
Subject: [2593] Re: kent key number anybody?
Message-ID: <9601101753.AC23175@ns2.emirates.net.ae>

Hi,

Will greatly appreciate if someone on this net passes my QRA to RA Kent
Engrs for them to send their catalogs to me in Dubai in the United Arab
Emirates.

Thanks in advance.

Best Regards

M M Ali

>Hello Brad,
>R.A. Kent (Engineers)
>P.O. Box 809
>Mount Ida
>AR. 7195-0809
>
>Tel. 501-867-4550

```

>
>IMHO This is the best iambic paddle on the market, low profile and
>rock solid.
>
>
>
>
>
>
>
>
>
>>Sorry: not totally qrp related:
>>
>> Anybody have a U.S. phone nuber for kent keys?
>> I'm itching to buy one, so maybe I better,
>> strike while the fire's hot.
>> A nice Iambic would do well!
>>      73 Brad WB8YGG
>>
>>
>de AA1IK      N.E.-QRP-C. # 202    ( Lead by example, It is better to    )
>      QRP-L member #95.    ( pull a string than it is to push it.)
>Ernie Gregoire
>RR 1 Box 221
>Canaan, NH. 03741
>
>New England QRP Club, information
>available on request by sending me a
> S.A.S.E. or via E-mail.
>
>e-mail : GREGOIRE@VALLEY.NET
>packet : AA1IK@WA1WOK.FN43FE.NH.USA
>
>
>
>
>
>
*****
* M M Ali           Phone: (+9716) 598912 Home          *
*IT Centre          FAX:   (+9716) 537309 Home          *
*Box 686 Dubai      Numeric Pager: 9748340 (in UAE)      *
*UAE                Call Sign: V U 2 A L I              *
*                                                            *
*A HAM for 25+ Yrs   Been MKTG Radios for 14+ Yrs       *
*HAMBrewed 200+ Hams Presently administering Radios for a major*
*Founded two Ham Clubs Airline in Gulf Region.         *
*****

```

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: CURTIVB@aol.com
Subject: [2590] RE:KEY
Message-ID: <960110122829_112147532@mail04.mail.aol.com>

I had to add my 2cents about Kent keys. I looked into them and they are nice keys. But I have to say that having been a machinist for 20 plus years, and truly appreciating a fine piece of machine work, I own a Brass Jones Paddle[PK-200B]. They are also from England, and available from Palomar Engineers.

It was fun reading the Ten Tec banter, I own a Century/22. Also reading all the info about the OHR 400, as I build mine.

73 Curt KA3IVB

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Dave Fifield <fifield@lan.nsc.com>
Subject: [2624] Re: Paddles
Message-ID: <30F47125.6346@lan.nsc.com>

I just bought a Vibroplex Racer which uses magnetic attraction. It's my first paddle key, so I cannot speak with any experience but, I'm sure I cannot "feel" the difference in the force at each end of an approximately 0.05 inch movement in the magnetic inverse-square law field levered at the end of a 1.5 inch long paddle. Maybe I'm just insensitive?

Comments?

--

Dave Fifield

| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [2606] Re: Paddles:
Message-ID: <9601102006.AA06278@iiatasun.cba.Kodak.COM>

Mine is 3 yrs plus old and contacts have never needed cleaning. (I do keep a plastic cover over the paddle, even during use). The only drawback IMHO is this paddle is the very best made today (my opinion of course) and its priced accordingly, so is not for everybody.

"72" Dub WA5YFY

Common Dub, How Much?

Quit Beating around the bush!

Just beat the bush, how much?

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: Paul Christensen <PaulC@jax.se.continental.com>
Subject: [2617] RE: Paddles:
Message-ID: <30F46BD7@se.continental.com>

>I have another nomination for the Paddle to end all
>Paddles. This one has not been advertised commercially, thus, many of our
>group may never have heard of it.
>Uses magnets for tension adjustment, giving it a very sharp, clean snappy
>feel, much like the action of a finely honed trigger of a fine handgun. No
>mushy spring action here.

Just one problem from some folks who have tried it: magnetic *attraction* is used rather than magnetic *repulsion*. Think about it. With Steve's paddle, the paddle force *decreases* the further the arm is swung from center and does so at an *increasing* rate with equal amounts of changed distance from the center. This is exactly opposite what's needed to simulate the effect of a spring and this effect is due to the inverse-square law of a magnetic field.

-Paul, N9AZ

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [2611] Re: Phone #
Message-ID: <199601102100.0AA06928@usr2.primenet.com>

At 03:28 PM 1/10/96 EST, Harvey Winters wrote:

>Please ,someone give me a good phone# for Amidon Associates

>

Just got their latest catalog, and the number there is 714-850-4660.

72/73, Roger

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [2627] Re: Phone #
Message-ID: <199601110232.TAA04638@usr3.primenet.com>

At 09:11 PM 1/10/96 EST, Thom LaCosta wrote:

>

>Do they have a 'kit'...need to make a 4 to 1 or so balun to hang between the
>tuner and some 450 ohm line.

>

Yes they do have balun kits. It's probably best that you order the catalog or call them. The kits start at \$20 and go up to \$35 and are a pretty good bargain.

72, de Roger

Roger Hightower, AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-1@lehigh.edu Wed Jan 10 21:20:17 1996
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [2623] RE: Salt Water Batteries???
Message-ID: <n1390822865.80572@msmailgw1.arlut.utexas.edu>

Gene and all,

Why yes, I have operated with salt water batteries QRP, and it should fall square in the Battery power class.

Navy acoustic sonobuoys are above 2M QRP FM transmitters that run on salt water batteries. When the buoy is dropped into the sea, the ocean activates the battery for the lifetime we want the experiment to run. We dial in the various hours we want and most of the time the buoys "live" that long, then eventually sink. It is kind of weird, but imagine throwing away your rig at the end of each "QSO" and you will see what we did with this unique QRP rig. Luckily, American Magnavox and Sparton corp. technology can make these little puppies at about \$300 and they will survive being launched into the ocean from a plane flying a couple hundred miles an hour and over a mile above the ocean!

Try that with any kit rig! These are also launched from the plane from much lower altitudes on occasion, but all in all, they have to be rugged. They are Aluminum tubes about 5 or 6 inches across, and three feet high, so if you see one wash up on the beach, you now have a transmitter convertible to 2M, and a source of replacement batteries. (But I can't remember anyone on the local repeater maritime mobile recently!):-)

72, Stuart K5KVH

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